

AMENDMENT NO. _____ Calendar No. _____

Purpose: To amend the bill to include provisions for leading with democratic values and procedures.

IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.

S. 1260

To establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by Mr. BENNET (for himself and Mr. SASSE) to the amendment (No. 1502) proposed by Mr. SCHUMER

Viz:

- 1 In section 2102(b), at the end add the following:
- 2 (7) Consistent with the mission and operations
- 3 of the Foundation and to the extent possible—
- 4 (A) advancing federally funded research
- 5 and development that promotes democratic val-
- 6 ues and procedures, including with respect to
- 7 privacy, civil liberties, civil rights, information
- 8 security, fairness, nondiscrimination, trans-

1 parency, the rule of law, auditability, and ac-
2 countability;

3 (B) studying the consequences for such
4 values of federally funded research and develop-
5 ment in the key technology focus areas; and

6 (C) assessing the ethical, social, and legal
7 implications of such research and development.

8 In section 2102, strike subsection (d) and insert the
9 following:

10 (d) ASSISTANT DIRECTORS.—

11 (1) APPOINTMENT.—The Director shall appoint
12 Assistant Directors for the Directorate, in the same
13 manner as other Assistant Directors of the Founda-
14 tion are appointed.

15 (2) QUALIFICATIONS.—Each Assistant Director
16 for the Directorate shall be an individual, who by
17 reason of professional background and experience, is
18 specially qualified to advise the Foundation on all
19 matters pertaining to research, development, and
20 commercialization at the Foundation, including part-
21 nerships with the private sector and other users of
22 Foundation funded research.

23 (3) ASSISTANT DIRECTOR FOR TECHNOLOGY
24 AND DEMOCRACY.—The Assistant Directors ap-

1 pointed under paragraph (1) shall include an Assist-
2 ant Director for Technology and Democracy. Such
3 Assistant Director shall report to the Deputy Direc-
4 tor of the Foundation and shall be responsible for—

5 (A) ensuring that research and develop-
6 ment supported by the Directorate assesses—

7 (i) potential consequences of such re-
8 search and development for democratic val-
9 ues and procedures, including with respect
10 to privacy, civil liberties, civil rights, infor-
11 mation security, fairness, nondiscrimina-
12 tion, transparency, the rule of law,
13 auditability, and accountability; and

14 (ii) any ethical, social, and legal impli-
15 cations of such research and development;
16 and

17 (B) integrating, where appropriate and
18 practicable, a respect for democratic values and
19 procedures in the full lifecycle of research and
20 development supported by the Directorate.

21 On page 257, between lines 21 and 22, insert the fol-
22 lowing:

23 “(iv) to promote, to the extent pos-
24 sible, responsible research, development,

1 and application of emerging technologies
2 that is consistent with democratic values
3 and procedures, including with respect to
4 privacy, civil liberties, civil rights, informa-
5 tion security, fairness, nondiscrimination,
6 transparency, the rule of law, auditability,
7 and accountability; and

8 “(v) to support research, analysis, and
9 expert guidance for Federal, State, and
10 local policymakers on the ethical, social,
11 and legal implications of emerging tech-
12 nologies, including such implications for
13 democratic values and procedures; and”.

14 In title V of division B, at the end add the following:

15 **SEC. 25 ____. EMERGING TECHNOLOGY LEADS.**

16 (a) IN GENERAL.—Each Federal agency substan-
17 tially engaged in the development, application, or oversight
18 of emerging technologies shall appoint a full-time, senior-
19 level employee as an emerging technology lead who will
20 drive the responsible use of emerging technologies, includ-
21 ing artificial intelligence, provide expertise on responsible
22 policies and practices, lead interagency coordination, and
23 shape procurement policies.

1 (b) INFORMING CONGRESS.—Not later than 180 days
2 after the date of the enactment of this Act, the President
3 shall inform Congress of each Federal agency in which a
4 full-time, senior-level employee has been appointed as an
5 emerging technology lead under subsection (a) and provide
6 Congress with a description of the authorities and respon-
7 sibilities of the employees so appointed.